

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: To Be Assigned
Applicants: M. Kito et al.
Filed: Herewith
Title: SEMICONDUCTOR LASER DEVICE AND FABRICATION METHOD THEREOF
TC/A.U.:
Examiner:
Confirmation No.:
Docket No.: YAO-4316US1

Divisional of:
Appln. No: 09/521,512
Applicants: M. Kito et al.
Filed: March 8, 2000
Title: SEMICONDUCTOR LASER DEVICE AND FABRICATION METHOD THEREOF
TC/A.U.: 2828
Examiner: Quyen Phan Leung
Confirmation No.: 1089
Docket No.: YAO-4316US

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (R&P) submitted herewith.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

Under 37 C.F.R. § 1.98(d), copies of the patents and publications listed on the enclosed PTO Form 1449 are not required to be provided, because they were cited by or submitted to the Patent and Trademark Office in prior application Serial No. 09/521,512, filed March 8, 2000, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,

Daniel N. Calder

Daniel N. Calder, Reg. No. 27,424
Attorney for Applicants

DNC/mc

Enclosures: PTO Form 1449

Dated: July 28, 2003

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Kathleen Libby
Kathleen Libby

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*

SHEET 1 of 2

Complete if Known

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	M. Kito et al.
Art Unit	
Examiner Name	
Attorney Docket No.	YAO-4318US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (If known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,114,877	05/1992	Paoli et al.	
		US-5,276,702	01/1994	Meliga	
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		03025990	02/04/1991	Nec Corp.		<input type="checkbox"/>
		EP 0 706 243-A2	04/10/1996	Matsushita Electric Industrial Co. Ltd.		<input type="checkbox"/>
		JP2763090-B2 (corresponds to EP 0 706 243-A2 above)	03/27/1998	Matsushita Electric Industrial Co. Ltd.		<input type="checkbox"/>
		EP 0513745-A2	11/19/1992	CSELT Centro Studi e Laboratori Telecomunicazioni		<input type="checkbox"/>
		10022564	01/23/1998	Nec Corp.		<input type="checkbox"/>
		1106489	04/24/1989	Fujitsu Ltd.		<input type="checkbox"/>
		EP 0494766-A2	07/15/1992	Xerox Corporation		<input type="checkbox"/>

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	M. Kito
Art Unit	
Examiner Name	
Attorney Docket No.	YAO-4316US1

SHEET 2 of 2

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		European Search Report dated October 10, 2001, application no. EP00104472	<input type="checkbox"/>
		M. Asada et al., "Gain and the Threshold of Three-Dimensional Quantum-Box Lasers", IEEE Journal of Quantum Electronics, Vol. OE-22, No. 9, pp. 1915-1921, September 1986	<input type="checkbox"/>
		S. Arai et al. "GaInAsP/InP Long-Wavelength Quantum-Wire Semiconductor Lasers", PROCEEDINGS OF THE 1997 ELECTRONICS SOCIETY CONFERENCE OF INSTITUTE OF ELECTRONICS, INFORMATION AND COMMUNICATION ENGINEERS, pp. 266-267, August 13, 1997 (partial translation)	<input type="checkbox"/>
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Considered

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¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language translation is attached.

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